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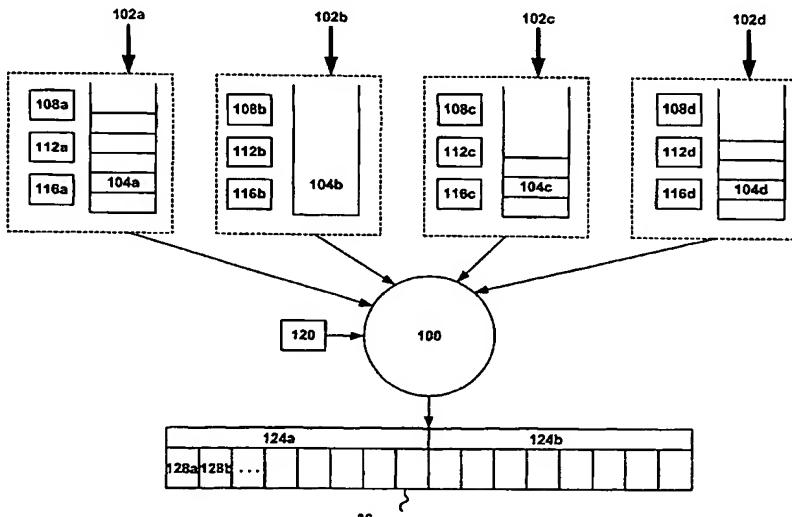
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- (71) Applicant (*for all designated States except US*): **SOMA NETWORKS, INC. [US/US]**; Legal Department, Suite 2000, Warfside Bldg.-China Basin Landing, China Basin Landing, 185 Berry St., San Francisco, CA 94107 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (*for US only*): **SHAD, Faisal [CA/CA]**; c/o SOMA Networks, Inc., 312 Adelaide Street West, Suite 700, Toronto, Ontario M5V 1R2 (CA).
- (74) Agents: **DAINES, Jeffrey, T. et al.**; c/o SOMA Networks, Inc., 312 Adelaide Street West, Suite 700, Toronto, Ontario M5V 1R2 (CA).
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(54) Title: SCHEDULER FOR A SHARED CHANNEL



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(57) **Abstract:** A method, system and apparatus for scheduling data to subscriber stations from a base station over a shared channel. Data destined for each subscriber station is placed into queues at the base station. The base station allocates a portion of the shared channel to each particular queue based upon that queue's priority value. The priority value for each queue is determined by an adjusted QoS value and an adjusted throughput value. The QoS value indicates whether a subscriber station has been receiving data according to an agreed-upon QoS level. The throughput value indicates the data rate that can be achieved by transmitting to that subscriber station. These two values are examined by a scheduling policy at the base station. Scheduling policies can include scheduling data to emphasize fairness between subscriber stations, scheduling data to improve overall throughput, and scheduling data to achieve a balance between fairness and throughput.

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